

AIRLESS VENT VALVE

ABSTRACT

5 A system and method for controlling fluid flow in an extracorporeal circuit. A valve prevents positive pressure and negative pressure in a vent line by allowing entry of fluid when negative pressure occurs, and allowing exit of fluid from the line when positive pressure occurs. The valve preferably does this without introducing air into the circuit. The innovative valve also reduces hemolysis by reducing turbulence in fluids passing through the valve.